Sheet	l of	1

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 118622			APPLICATION NO. New U.S. Patent Application				
	(Use	several sheets if necessary)		APPLICANT Shinya NAKAI					
				FILING February	DATE y 10, 2004				
		U.S	S. PAT	ENT DOC	UMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME		CLASS	SUB CLASS	
M	1	US 2002/0032038 A1	03/	14/2002	FURUTANI et al.		Ī		
	1		1				1		
	+-		+		 		+		
			+-	-			+		
	+-		+						
	+-		+-						
	+		+-		-		-		
			ICNE	A TENT DO	OCUMENTO				
	$\overline{\mathbf{I}}$	TOKE	T	AIENIDO	OCUMENTS			SUB	
		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	CLASS	
_00	2	JP A 2002-43977 w/ abst & trans	02/08/2002		Japan				
<u>n</u>	3	JP A 11-255088 w/ abst & trans	08/	17/1999	Japan				
						·			
				-				<u></u>	
		OTHER DOCUMENTS (In	ncludir	ng Author,	Title, Date, Pertinent Pa	ges, etc.)			
					· · · · · · · · · · · · · · · · · · ·				
							•	-,	
EXAMINER		bon				DATE CONSII	DERED 0/0G		
Examiner:	Initial if	f citation considered, whether or not c nance and not considered. Include copy	citation	i is in con	formance with M.P.E.F	P. 609: draw line		on if not in	

Date: February 10, 2004

Form PTO-1449 (REV. 8-43) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) APPLICANTS Shinys NAKAI FILING DATE Petrusy 10, 2004 U.S. PATENT DOCUMENTS EXAMINER NAME DOCUMENT NUMBER DATE NAME CLASS			13 ms 3				Shee	1 1	of <u>1</u>
APPLICANTS Shinya NAKAL FILING DATE February 10, 2004 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS CLASS CLASS CLASS O 1/26/1999 Albert A. LEE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS CLASS CLASS O 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN JP-A-08-191230 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER EXAMINER DATE CONSIDERED LILICAL LILICAL LILICAL DATE CONSIDERED LILICAL LILICAL LILICAL Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609, draw line through citation if not in	Form PTO-1449	BADEMAN US Dept. of Commerce			OCKET NO.				
APPLICANTS Shinya NAKAL FILING DATE February 10, 2004 U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS CLASS CLASS CLASS O 1/26/1999 Albert A. LEE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS CLASS CLASS O 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN JP-A-08-191230 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER EXAMINER DATE CONSIDERED LILICAL LILICAL LILICAL DATE CONSIDERED LILICAL LILICAL LILICAL Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609, draw line through citation if not in	(REV. 8-83)		PATENT & TRADEMARK OFFICE	.	118622		10/7	74,007	
EXAMINER DOCUMENT NUMBER DATE DOCUMENT DOCUMENTS FOREIGN PATENT DOCUMENTS POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS CLASS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS OTIGATIOPS w/ abst. & trans. DATE CONSIDERED LI LEL LECT LI LEL LECT LI LEL LECT DATE CONSIDERED LI LEL LECT LI LEL LECT DATE CONSIDERED LI LECT DATE CONSIDERED DATE CONSIDERED LI LECT DATE CONSIDERED LI LECT DATE CONSIDERED DATE	INFO								
EXAMINER NITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS CLASS 1. 5,864,260 01/26/1999 Albert A. LEE — — — — — — — — — — — — — — — — — —		(Use s	several sheets if necessary)						
EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS 1. 5,864,260 01/26/1999 Albert A. LEE									
NITIAL DOCUMENT NUMBER DATE NAME CLASS CLASS 1. 5,864,260 01/26/1999 Albert A. LEE			U.S.	PAT	ENT DOCU	MENTS			
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS OF 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			DOCUMENT NUMBER		DATE	NAME		CLASS	
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	0	1.	5,864,260	01/	26/1999	Albert A. LEE		-	
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in						,			
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									<u> </u>
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS SUB CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/10C Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
DOCUMENT NUMBER DATE COUNTRY CLASS CLASS 2. JP-A-2001-211097 w/ abst. & trans. 08/03/2001 JAPAN 3. JP-A-08-191230 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/16/UC Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			FOREIG	GN P	ATENT DO	CUMENTS			
3. JP-A-08-191230 w/ abst. & trans. 07/23/1996 JAPAN 4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/10/06 Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			DOCUMENT NUMBER		DATE	COUNTI	RY	CLASS	
4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED II I U U Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	180	2.	JP-A-2001-211097 w/ abst. & trans.	08/03/2001		JAPAN			
4. JP-A-09-307399 w/ abst. & trans. 11/28/1997 JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER DATE CONSIDERED 11/10/106 Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	80	3.	JP-A-08-191230 w/ abst. & trans.	07/23/1996		JAPAN		ſ	
EXAMINER DATE CONSIDERED 11/10/06 Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	0	4.	JP-A-09-307399 w/ abst. & trans.	11/	28/1997	JAPAN			
EXAMINER DATE CONSIDERED 11/10/06 Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in						.==-+			,
EXAMINER DATE CONSIDERED 11/10/06 Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		T	OTHER DOCUMENTS (In	cludii	ng Author,	Title, Date, Pertinent Page	es, etc.)	 -	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in								·	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>							
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									·
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>			•				· · · · · · · · · · · · · · · · · · ·
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in									
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
	Examiner: I	nitial if	citation considered, whether or not cance and not considered. Include conv	itatio	n is in con	formance with M.P.E.P.	609; draw line	through citati	ion if not in

Date: July 13, 2005